

Learning to Fly: The Wright Brother's Adventure			
2009 Mathematics			
Content Standards			
Montana Mathematics			
Grades 5-8			
Activity/Lesson	State	Standards	
1900: Kitty Hawks	MT	MA.5-8.3.4	Measure and compute angles, perimeter, area, surface area, and volume including the use of formulas and choosing appropriate units.
1901: The First Improvement	MT	MA.5-8.1.6	Understand and apply proportional relationships to model real world situations and to solve problems involving rates, ratios, proportions, percents, and direct variation.
1902: Success at Last	MT	MA.5-8.1.1	Recognize, model, and compare different forms of integers and rational numbers including percents, fractions, decimals, and numbers using exponents and scientific notation.
1903: Powered Flight	MT	MA.5-8.1.2	Select and apply appropriate estimation strategies to judge the reasonableness of solutions to problems including those computed on a calculator. Demonstrate correct use of order of operations.
1903: Powered Flight	MT	MA.5-8.4.1	Create and use tables, graphs or diagrams, symbolic expressions, and verbal descriptions to represent, analyze, and generalize a variety of patterns involving numbers and operations.
1903: Powered Flight	MT	MA.5-8.4.2	Identify linear and non-linear functional relationships and contrast their properties using tables, graphs, or equations with appropriate technology.
Learning to Fly: The Wright Brother's Adventure			
2009 Mathematics			
Content Standards			
Montana Mathematics			
Grades 9-12			
Activity/Lesson	State	Standards	
1903: Powered Flight	MT	MA.9-12.1.2	Identify situations where estimation is appropriate and determine the degree of accuracy needed for a given problem situation (and the appropriate precision in which to report answers).

1903: Powered Flight	MT	MA.9-12.2.1	Select, create, and compare graphical or numerical representations of data sets using technology when appropriate. Reason about distributions using measures of central tendency and spread (e.g., percentiles, quartiles, inter-quartile range, and standard deviation).
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